

1 I claim:

2 1. A rice seed designated 'Cheniere,' wherein a representative sample of said seed has been  
3 deposited under ATCC Accession No. PTA-5613.

1 2. A plant, or a part thereof, produced by growing the seed of Claim 1.

1 3. Pollen of the plant of Claim 2.

1 4. An ovule of the plant of Claim 2.

1 5. A rice plant having essentially all of the physiological and morphological characteristics  
2 of the rice plant of Claim 2 or a part of such a rice plant.

1 6. Tissue culture of regenerable cells from the rice plant of seed Claim 2.

1 7. Tissue culture of Claim 6, wherein the cells of the tissue culture are from a tissue selected  
2 from the group consisting of embryos, meristematic cells, pollen, leaves, anthers, roots, root tips,  
3 flowers, seeds, and stems.

1 8. A rice plant regenerated from the tissue culture of Claim 7, said rice plant having all of  
2 the morphological and physiological characteristics of 'Cheniere.'

1 9. A method for producing an F<sub>1</sub> hybrid rice seed comprising crossing a first parent rice  
2 plant with a second parent rice plant, and harvesting the resultant F<sub>1</sub> hybrid rice seed, wherein  
3 said first or second parent rice plant is the rice plant of Claim 2.

- 1 10. A hybrid rice seed produced by the method of Claim 9.
- 1 11. A hybrid rice plant, or a part thereof, produced by growing said hybrid rice seed of  
2 Claim 10.
- 1 12. Rice seed produced from said hybrid rice plant of Claim 11.
- 1 13. A rice plant having essentially all of the physiological and morphological characteristics  
2 of the rice plant of Claim 11 or a part of such a rice plant.
- 1 14. A rice plant or a part thereof, produced from the rice seed of Claim 12.
- 1 15. A rice plant derived from the rice plant of Claim 5 by a single gene conversion.
- 1 16. The plant of Claim 15, wherein the gene is a gene which is introduced by transgenic  
2 method.
- 1 17. The plant of Claim 15, wherein the gene is a dominant allele.
- 1 18. The plant of Claim 15, wherein the gene is a recessive allele.
- 1 19. The plant of Claim 15, wherein the gene confers herbicide resistance.
- 1 20. The plant of Claim 15, wherein the gene confers insect resistance.

1 21. The plant of Claim 15, wherein the gene confers resistance to bacterial, fungal or viral  
2 disease.

1 22. The plant of Claim 15, wherein the gene confers male sterility.